HYDRAULIC CONDITIONS

Well name: JP-3

Well location: NW ¼ NE ¼ NE ¼ Sec. 6 T21S R3E **B.C. elev.:** 4433.54'

Depth to water (first noted in drilling): Not observed **Depth to water table (SS):** 369.24' (following post-development recovery)

Formation at depth where water was first noted: Tertiary Santa Fe Group alluvium

Borehole diameter: 17.5"-12.25" **Total depth of borehole:** 1020'

Type of well: Westbay® monitoring well retrofit within 4" stainless steel

Total depth of well: 1005'(SS); 995'(WB) **Well diameter:** 4.5" OD (SS); 1.5" OD (WB)

Packed Westbay® interval(s): 505'-525', 685'-705', 815'-835', and 960'-980'

Lithologic description of screened or packed interval(s): Tertiary Santa Fe Group Alluvium

Pertinent observations and/or interpretations:

The aquifer is semi-confined.

Pressure profile summary (Westbay®):

Regional depth to water is approximately 368' (indicated by similar water depth in all sampling zones). Consistent piezometric levels for the pressure profile (367'-368' below ground surface) indicate a single hydrostratigraphic unit. No distinct upward or downward gradients are apparent. The pressure profile indicates that all packers are inflated and functioning.

Pertinent Information on conditions in surrounding wells:
(ie. potential comparisons)